

***Cool Web 2 Tools:
Integrating Math-Science-Language Arts-Social Studies***

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Digital Journey

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<http://www.wired.com/magazine/>

Edutopia Magazine

<http://www.edutopia.org/>

***Teaching the iGeneration:
5 Easy Ways to Introduce Essential Skills
With
Web 2.0 Tools***

William M. Ferriter, Adam Garry

• Perfect Paperback

- [William M. Ferriter](#) (Author), [Adam Garry](#) (Author) [4.6 out of 5 stars](#) [See all reviews](#)
 - Price: \$34.95 Price: **\$23.07**

BOOKS - Creativity - Critical Thinking - Innovation

- Critical Thinking (The Daily Spark)
- 180 Easy-to-Use Lessons and Class Activities! [Paperback]
- [SparkNotes Editors](#) (Author)

BOOKS - Creativity - Critical Thinking - Innovation

Sample for the book:

- Which of the following animals does not belong in this list ? WHY?
-
- Polar bear, Penguin, Beluga, Moose, Walrus, Reindeer
- All can be found in the Artic-EXCEPT Penguins..Penguins can only be found in the Southern Hemisphere

Edited –SHORT LIST

Web2.0 Creativity

[MagicPen](#)

- Shapes you draw-affected by three basic principles: gravity, friction, and inertia.
- Physics. Drawn shapes will fall to the ground, bump against each other, and sit still unless acted upon by another moving shape.
- Draw any object you please, but Magic Pen automatically smooths out jagged edges into a more block-like shape. Game is mouse-driven-click and start drawing.
- PLAY: http://javisgames.com/archives/2008/04/magic_pen.php
- **Game Instructions** <http://www.bubblebox.com/play/puzzle/975.htm>
- One of the most genius games ever.

[Questionaut](#)

- Journey through strange worlds and test your knowledge of English, Maths and Science
- Magical mission-recover your friend's hat.
- Analysis: Questionaut has enough wonder and imagination here for gamers of all ages.
- Each level is a self-contained environment [**Questionaut Walkthrough Guide, Review, Discussion, Hints and Tips**](#) <http://javisgames.com/archives/2008/03/questionaut.php>
- PLAY-CLICK BELOW:
- <http://www.bbc.co.uk/schools/ks2bitesize/games/questionaut/>

*Who are the most creative people in business?
Why ?*

Check this out – Where could you use it?

http://zooburst.com/zb_gallery.php

[Invention at Play](#)

- Thinking games and puzzles.- Check out all the little details on the web site

- >>> Check out Cloud-Practice
- <http://www.inventionatplay.org/>

Adventure Island

- Explore the island and complete the tasks, or create your own island.
- A web-based tool for classes, schools and groups to create an interactive online island that other people are able to visit and explore.
- **Choose** an island from the list and explore around it.
- Teachers can request a username and password from info@kidsonthenet.com then login below and begin to build your own
- **Create your own adventure**
<http://kidsonthenet.org.uk/adventureisland/>

Edheads - >>> *Small group assignment*

- High quality, free educational activities for your classroom. Conduct an operation or explore simple machines, plus more.
<http://www.edheads.org/>

Simulators: *Golems*

- 3D Physics and Artificial Intelligence simulator. Build anything at all, turn on physics, and watch it go. Add hinges, motors, hydraulics, joints. Make your machine smart. Give it a brain, give it sensors, timers, switches, buttons.
- **Golems is a 3D recreational physics simulator**
- Build robots, spaceships, clocks, catapults or cannons. Add sensors, timers, switches, motors. Give it a brain. Make a mouse trap - or make a mouse. Take the wheel and pilot your machine yourself. Build *anything*.
- <http://golemgame.com/index.html>

ClassTools.net: *Create interactive flash tools / games for education*

- How to create games in *Classtools.net*
- <http://classtools.net/>
- Create free educational games, activities and diagrams in a Flash!

Host them on your own blog, website or intranet!

- Free version & Premium membership \$\$

[Scratch](#)

- Free download, a new programming language that makes it easy to create your own interactive stories, animations, games, music and art, and share your creations on the web. Learn important mathematical and computational ideas, while also learning to think creatively, reason systematically, and work collaboratively.
- Main Scratch Website? Here's a link!
- <http://scratch.mit.edu/>
- **Welcome to the Scratch Documentation Website**
<http://info.scratch.mit.edu/>



Create – Animate <http://atmosphir.com/>

- Free video game / creation tool for Mac & PC.
- Create enormous 3D platforming levels filled with fun gameplay elements
- Play mode lets you explore through the thousands of diverse user-created challenges [Game Guide](#) - Learn the basics of playing and designing in Atmosphir.
- [Game Guide - Designing](#) –Learn how to create fun levels and upload them to share with the rest of the world.
- [Game Guide - Playing](#) - Learn how to control your character, beat levels, and join multiplayer sessions.
- <http://atmosphir.com/>

[Fantastic Contraption](#)

- >> Good DEMO-Physics puzzle game
- <http://fantasticcontraption.com/>
- Ads in the demo???

Brain Games: The Best Brain Fitness Puzzles [Spiral-bound]

Editors of Publications International Ltd. (Author, Editor)

Price \$12.98

Book Exercises:

"BRAIN STORMING"

*(sample from the book) Marty Fligor Published by Creative Publishing
Mansfield Center, CT*

1: .Where in the world would you find a leaf or leaves?

-
- Practice 3: Name things that have holes in them.
-
- Practice 4: Give uses for Velcro
-
- Practice 5: List uses for a balloon
-
- Practice 6: Give uses for a piece of toast
-
- Practice 7: Give uses for a windshield wiper
-
- Practice 8: Give ways to put out dragon's fire
-
- Practice 9: I promise I will
-
- Practice 11: In 1 minute name countries
-
- Practice 12: Compare and Complex - Name a manufactured item for each letter of the alphabet. (example a-abacus b-block etc
-
- Practice 13: Your ship is sinking. What will you do? (really think outside to box on this one or throw the box away)

What Are 21st Century Learning Skills ?

ISTE-NETS

- **Creativity and Innovation**
- **Communication/Collaboration**
- **Critical Thinking/Problem Solving/Decision Making**
- **Facilitate/Inspire Student Learning and Creativity**

- Research and Information Fluency
- Digital Citizenship
- Technology Operations/Concepts
- Develop Digital-Age Learning Experiences and Assessments
- Model Digital-Age Work and Learning
- Model Digital Citizenship and Responsibility
- Engage in Professional Growth and Leadership

Collaboration project

EduCon 2011

- <http://typewith.me/educon11>
- or
- Google Presentation
- or
- Tinyurl <http://tinyurl.com/478w6k3>
- or
- https://docs.google.com/presentation/edit?id=0AX7OyqN3IUcBZGhzbnBza182NWc4Mzc4bmRw&hl=en&authkey=CMWEk_cH
- or
- www.drhowie.com

- On each slide you create please include:
- Name=
- e-mail= (Twitter id)
- web address if necessary=

Skills for success

http://www.graduateopportunities.com/career_advice/graduate_skills

So what **CORE SKILLS** do employers seek.

Skills for success

- Creative problem-solving
- Critical and analytical thinking
- Information gathering, evaluation & synthesis
- Literacy
- Ambition, self-awareness & an inquiring mind
- Know more about the world-(Global citizens)
- Think outside the box- (Creativity and innovation)
- Collaboration
- Teamwork
- Community involvement

How do we inspire and engage the Digital Learner?

Quench your thirst for knowledge.

[***Google Gulp***](#)

- **Think fruity. Think refreshing.**
- **How to get Gulped?**

You can pick up your own supply of this "limited release" product simply by turning in a used Gulp Cap at your local grocery store. How to get a Gulp Cap? Well, if you know someone who's already been "gulped," they can give you one. And if you don't know anyone who can give you one, don't worry – that just means you aren't cool. But very, very (very!) soon, you will be.

- [How does Google Gulp work?](#)
- [Wait – you're saying Auto-Drink™ changes my brain chemistry?](#)
- [Isn't that kind of dangerous?](#)
- [What if I don't want to use Auto-Drink™?](#)
- [Well, shouldn't Auto-Drink™ be default-off?](#)
- [Yes](#)
- [How can I get my hands on a Google Gulp?](#)

- [Can't you just give Google Gulp to anyone who wants it?](#)
- [I mean, isn't this whole invite-only thing kind of bogus?](#)
- [Will Google be coming out with more food products?](#)
- [When will you take Google Gulp out of beta?](#)

- Google Gulp, a [fictitious drink](#), ??????

Finding the Right Tool

But how do you choose the right one?

And how do you keep up with all the new and often better tools?

Here are some ideas

To Blog or not to Blog.... That is the Question!

Top 100 Education Blogs

<http://oedb.org/library/features/top-100-education-blogs>

My First Blog Experience

- I created a blog and in the first 24 hours this was posted:
- Hey Howie-how's it goin..I'm Kristy and I just moved to Durango....I would like to meet a nice guy like you. I came here 2 weeks ago and I have nothin to do...I read your profile and you're cute and I liked what you had to

say...I am 21-f-/single and I like a guy who is easy to be comfortable around. I really like guys who are a little bit older than me and 64 is just about right. I have posted my profile and have lots of photos of me....come check it out ..OK

There is a “buzz” about blogging...

Web publication gives students a real audience to write to and, when optimized, a collaborative environment where they can give and receive feedback.

Why would I use a blog in my classroom?

- Encourages students to **engage in discussion**.
- Gives all students an **equal opportunity to participate**.
- Increases opportunities for reading and writing
- Students see their work **published**
- Students are able to **share their ideas and opinions with other** and contribute their own ideas to the discussion.

[Top 20 Teacher Blogs | Scholastic.com](http://www2.scholastic.com/browse/article.jsp?id=3752562)

Below are 20 blogs that have taught us a few things, made us laugh, made us cry, and reminded us that we are not alone in this sometimes stress-inducing,

<http://www2.scholastic.com/browse/article.jsp?id=3752562>

Best for Hands-on Activities

[Mrs. Cassidy's Classroom Blog](#)

- The lowdown: **Canadian first-grade teacher Kathy Cassidy** invites readers into the classroom to interact with students and her dynamic lessons.

Why We Love It: Besides sharing fun ideas like making fairy-tale

characters out of clay, Cassidy lets us witness her students' learning firsthand by posting lots of videos and photographs. And another bonus: We get to learn from Cassidy's many guest speakers, too!

Why She Loves Blogging: "My favorite thing about blogging," says Cassidy, "is that **the students literally have a worldwide audience**. They see themselves as writers because people can and do read and comment on their work."

http://classblogmeister.com/blog.php?blogger_id=1337

Bloggging : Top Teacher Blogs

Ideas for using Blogs...

- Topic discussions
- Share information
- Online Portfolios
- Student Journaling
- Personal Portfolios
- Collaborative Knowledge Base
- Research Coordination
- Collaboration: Curricular & Cross-Disciplinary Coordination

> REFERENCE FOR Student Created Blog Policies

http://budtheteacher.com/wiki/index.php?title=Student_Created_Blog_Policies

Collaboration Drawing-WhiteBoard Sites

- **Whiteboard Evaluation Project**
- **Try the assigned Whiteboard and be ready to report how you could use it.**

Whiteboard Evaluation Project

- TEST Me - CoSketch
- <http://cosketch.com/>
- is another whiteboard that you can collaborate to visualize your ideas and share them as images. The good thing is that, you don't have to register or install anything. It works in all browsers, it's real time and you can get an embed code for your drawing after you finish.

<http://cosketch.com/Rooms/tushchk>

- Welcome to Cosketch!
- To paint with someone, copy the address in your browsers adress-bar and send to those you want to paint with.
- **Preview:** <http://cosketch.com/Saved/pQs4PrMM>
- Unsaved sketches will be deleted 10mins after the last user has left the room.
- By using cosketch you accept the user agreement.

Whiteboard Evaluation Project

- **TEST me Scriblink - Your Online *Whiteboard***
- **(Quick fast way to get started-No sign up required)**
- *Free online whiteboard* that allows users to collaborate in real-time. No registration required. Built-in chat, image uploading, file sharing and more.

<http://www.scriblink.com/>

Not a registered user? See [Pricing & Signup](#) or [Join a Group](#)

- TEST me [Dabbleboard](#)
- Make whiteboard drawings and graphic organizers in an online

space you can share with others. Since more than one computer can work on the whiteboard at a time, students in multiple locations can add to the board at the same time.

- <http://www.dabbleboard.com/>

TEST me **[Dabbleboard](#)**

Make whiteboard drawings and graphic organizers in an online space you can share with others. Since more than one computer can work on the whiteboard at a time, students in multiple locations can add to the board at the same time.

LINK BELOW:

- <http://www.dabbleboard.com/draw?b=educon11&i=0&c=942ef125f23f2d7ad09346e817faaaa2704d7317>

Google Alternatives and Why You Should Use Them

[WolframAlpha Computational Knowledge Engine](#)

Wolfram|Alpha gives you access to the world's facts, without searching. See what everyone is talking about.

<http://www.wolframalpha.com/>

- **A few things to try:**
- [enter any date \(e.g. a birth date\)](#)june 23, 1988
- [enter any city \(e.g. a home town\)](#)new york
- [enter any two stocks](#)IBM Apple
- [enter any calculation](#)\$250 + 15%

- enter any math formula $x^2 \sin(x)$
- enter any two first names andrew, barbara
- enter any food 1 apple + 2 oranges
- enter any measurement 45 mph
- enter any chemical formula H₂SO₄
- enter any musical notes C Eb G C

Duck Duck Go

DuckDuckGo has some slick features, like 'zero-click' information (**all your answers are found on the first results page**).

- DuckDuckGo -prompts (**helps to clarify what question you are really asking**).
- Ad spam is **much less than Google**. e DuckDuckGo.com - clean and simple search engine. [Visit DuckDuckGo here](#)

Ask (aka 'Ask Jeeves')

The Ask/AJ/Ask Jeeves search engine is a longtime name in the World Wide Web. The super-clean interface rivals the other major search engines, and the search options are as good as Google or Bing or DuckDuckGo. The results groupings are what really make Ask.com stand out. The presentation is arguably cleaner and easier to read than Google or Yahoo! or Bing, and the results groups seem to be more relevant. Decide for yourself if you agree... give Ask.com a whirl, and compare it to the other search engines you like. [Visit Ask here](#) <http://www.ask.com/>

Webopedia

- Webopedia is one of the most useful websites on the World Wide Web.
- **Webopedia is an encyclopedic resource dedicated to searching techno terminology and computer definitions.**
- Teach yourself what 'domain name system' is, or teach yourself what 'DDRAM' means on your computer.
- Webopedia is a perfect resource for non-technical people to make more sense of the computers around them. [Visit Webopedia here](#)
<http://www.webopedia.com/>

Mahalo

- Mahalo is the one 'human-powered' search site
- Employing a committee of editors to manually sift and vet thousands of pieces of content.
- This means that you'll get **fewer Mahalo hit results** than you will get at Bing or Google.
- Mahalo results have a **higher quality of content** and **relevance** (as best as human editors can judge).
- Mahalo also offers **option to ask questions**.
- Two search boxes - get direct content topic hits or suggested answers to your question.
- [Visit Mahalo here](#)

Map Search with the Map Machine

- **What is the Map Machine?**
- National Geographic's [Map Machine](#) is a gigantic collection of all the National Geographic maps in a searchable online database.
- Best to look at it piece by piece.
- Start with the [Map Machine categories](#) to get a big picture view of all that National Geographic map search.
- Searchable: [world maps](#), [satellite maps of Mars](#), Globe Explorer [aerial imagery](#)

Map Machine

- <http://maps.nationalgeographic.com/maps>

Global Connections

e-Pals

Welcome to the World's Largest K-12 Learning Network!

ePals is the leading provider of safe collaborative technology for schools to connect and learn in a protected, project-based learning network. With classrooms in 200 countries and territories, ePals makes it easy to connect learners locally, nationally or internationally.

<http://www.epals.com/>

ePals Projects for Classroom Collaboration

Welcome to the ePals Projects Page! We hope you find a project that interests you. The topics are standards-based and of global interest. Each project is designed to be used as is or customized to your classroom's needs. An easy way to find a classroom with which to partner is to check the "Connect with Classrooms" forum on the project index page for posts by interested classrooms. Alternatively, search the "Connect with Another Classroom" search box on ePals' home page. Also search the "Ongoing Projects" and "ePals Wanted" forums. Once finding a classroom with which to do the Project, we recommend that the two teachers clarify some logistical issues before you start. [More...](#)



The Way We Are

People and Culture

Overview

What makes me who I am? In this project, students will engage in a collaborative learning experience. Through email exchanges, students learn about the daily lives, cultures, climates and geography of children who live in other regions of the world.

Essential Questions

1. How am I similar and different from my ePal?
2. How do the physical and climate differences in my ePal's region affect my ePal's life?
3. What affect does the culture in my ePal's region have on my ePal's life?

Objectives

1. Students will be able to compose well-written emails to their ePals.

2. Students will be able to concretely describe specific details of their lives and make predictions about their ePals' lives.
3. Students will be able to use maps to explore and analyze places.
4. Students will be able to identify similarities and differences between themselves and their ePals.
5. Students will be able to give specific examples of what it means to be from a different culture.
6. Students will build a relationship with a student in another region of the world.

Culminating Activity

Students will create final digital presentations about themselves and their ePals reflecting an increased understanding of the differences and commonalities between their cultures, their environments and their lives.

Project Elements

This project has four parts:

1. [Engage, Activate Prior Knowledge and Build Context;](#)
2. [Exchange of four emails with ePals;](#)
3. [Create presentations about ePals' countries as a culminating activity; and,](#)
4. [Reflect/Assess.](#)

Math – Best of Web 2.0

<http://scratch.mit.edu/>

Check out the 1,422,135 projects from around the world!

- *Lure of the Labyrinth* is a digital game for **middle-school pre-algebra students**.
- Wealth of intriguing math-based puzzles wrapped into an exciting narrative game in which students work to find their lost pet - and save the

world from monsters! Linked to both [national and state mathematics standards](#), the game gives students a chance to actually think like mathematicians.

- <http://labyrinth.thinkport.org/www/educators.php>
- [Before Bringing Labyrinth Into Your Classroom](#)
- [Plan for Success](#)
- [Think About Technology](#)
- [Think About Your Role](#)
- [Set Up Your Teams and Class Lists](#)
- [Resources for Planning](#)
- [Standards](#)
- [Working with Specific Puzzles](#)
- [Lesson Plans](#)
- [The Math in Each Puzzle](#)
- [Graphic Organizers](#)
- [Video: Using Lure of the Labyrinth in the Classroom](#)
- [Introducing Labyrinth to Your Students](#)
- [Setting Up Rules and Expectations](#)
- [Setting the Stage for Students](#)
- [Using Graphic Organizers](#)
- [While Working with Labyrinth](#)
- [Time to be the Guide on the Side](#)
- [Video: Another Way to be the Guide on the Side](#)
- [Summing up the Puzzle Session](#)
- [Following Up](#)

Math by Design

provides students the opportunity to learn geometry and measurement concepts in a virtual environment. As junior architects of a community park and environmental center, students are tasked with building a skateboard ramp, planning a picnic area and other fun interactive challenges

- <http://mathbydesign.thinkport.org/>

Will I ever use Math in the real WORLD?

Real World Math - designed for educators who wish to extend the concepts of the math curriculum beyond the pages of the text. Google Earth is the dynamic tool that is used to accomplish this.
<http://realworldmath.org/>

Johnnie's Math Page <http://jmathpage.com/>

Interactive math tools, math activities and math fun for kids and their teachers

Cool Math www.coolmath.com. This fully interactive site and allows the user to sharpen basic math skills, play games and explore new math concepts.

Interactive Math Websites for the K-2 Classroom:

Counting, Sequencing, Skip counting

- 1. <http://www.learningplanet.com/act/123order.asp>
- 2. <http://www.abc.net.au/countusin/games/files/sheepgame.swf>
- 3. <http://www.little-g.com/shockwave/colorcount.html>
- 4. <http://www.primarygames.com/squigly/start.htm>
- 5. http://www.eduplace.com/kids/mw/manip/mn_2.html - Number line and 100's Chart
- 6. <http://www.cleverisland.com/teachers/counting/story/6.asp>
- 7. Cardinal directions (over, through, under, above)
<http://www.meddybemps.com/9.691.html>

Jing Project:

This tool allows you to **snap a photo of your desktop, make recordings of your activities** and email or IM them to anyone. **Jing Project:** This tool allows you to snap a photo of your desktop, make recordings of your activities and email or IM them to anyone.

Video- "kids teaching kids" project

- Mathtrain.TV is a free educational from **Mr. Marcos** & his students at

Lincoln Middle School in Santa Monica, CA. - <http://www.mathtrain.tv/>

- Screencasts (screen movies of writing with voice) that focus on **mathematics**.
- Large selection of screencasts organized by topic, type and course. - <http://www.mathcasts.org/>

http://www.mangahigh.com/en_us/

<http://www.mathplayground.com/>

HippoCampus <http://www.hippocampus.org> **Calculus**
(Spanish)

Blogs

- Math video blog - <http://www.math-videos-online.com/free-math-videos-online-blog.html>
- Future of math blogs - <http://futureofmath.misterteacher.com/blogs2.html>
- A seventh grade math blog - <http://verity7math.blogspot.com/>
- Homeschool Blog - <http://homeschoolmath.blogspot.com/>
- Let's play math - <http://letsplaymath.wordpress.com/>
- Math Goodies - <http://mathgoodies.blogspot.com/>
- National Science Digital Library - <http://expertvoices.nsdl.org/middle-school-math-science/>

Science — Best of Web 2.0

<http://scimorph.greatfridays.com/>

SciMorph: Science and Learning » tutorial - Mozilla Firefox

File Edit View History Delicious Bookmarks Tools Help

http://scimorph.greatfridays.com/#/tutorial


Most Visited Getting Started Latest Headlines

Recently Bookmarked PBS Teachers — Resour... NOVA | Making Stuff: S... PBS Teachers — Resour... Reading Rockets: Valen... Debit vs. Credit Card - ...


SciMorph: Science and Learning

SCIMORPHING - GETTING STARTED


PLEASE FOLLOW THE INSTRUCTION BELOW TO GET STARTED




1



2



3



4

STEP 1

You need to get a printed marker to get Scimorph working. Print yours by clicking on the link below.

[Print your Scimorph marker](#)

[PRINT MARKER](#)

STEP 2

Turn on your computer's sound and webcam. Turn off any popup blockers.

[View guidance notes](#)

[GUIDANCE NOTES](#)

STEP 3

When entering Sciworld, hold your printed marker up to the webcam so that it can see it.

[Click here to try it out](#)

[TRY IT OUT](#)

STEP 4

Twist and turn your marker to see Scimorph from different angles.

SCIENCEANDMATHS.NET
BIG WHERE THEY CAN TAKE YOU

department for
children, schools and families

Directgov

A new UK Government took office on 11 May. As a result the content on this site may not reflect current Government policy. All statutory guidance and legislation published on this site continues to reflect the current legal position unless indicated otherwise. To view the new Department for Education website, please go to www.education.gov.uk

Read scimorph.greatfridays.com

SciMorph: Science and Learning » activities - Mozilla Firefox

File Edit View History Delicious Bookmarks Tools Help

http://scimorph.greatfridays.com/#/activities

Most Visited Getting Started Latest Headlines

Recently Bookmarked PBS Teachers — Resour... NOVA | Making Stuff: S... PBS Teachers — Resour... Reading Rockets: Valen... Debit vs. Credit Card - ...


SciMorph: Science and Learning

SCIWORLD


PLEASE READ THE INSTRUCTIONS BELOW

Welcome to Scimorph's world. Scimorph is an alien who lives in a world very different to the Earth, where you live. Take Scimorph through different experiences to see how they affect him - all with amazing results!


Select an activity from the buttons below and choose which zone to take Scimorph through.



[THE GRAVITY ZONE](#)



[THE BUG ZONE](#)



[THE SOUND ZONE](#)

SCIENCEANDMATHS.NET
BIG WHERE THEY CAN TAKE YOU

department for
children, schools and families

Directgov

A new UK Government took office on 11 May. As a result the content on this site may not reflect current Government policy. All statutory guidance and legislation published on this site continues to reflect the current legal position unless indicated otherwise. To view the new Department for Education website, please go to www.education.gov.uk

Transferring data from scimorph.greatfridays.com...

HabitatHeroes.com,

the first online social networking site for young eco-warriors includes games that teach children about endangered species, the environment, healthy eating, and cultures around the world.

Featured Classroom Resources

What's New on PBS Teachers

<http://www.pbs.org/teachers/>

Virtual Frog Dissection -

<http://www.bbc.co.uk/schools/ks2bitesize/science> *Frog Dissection*

[Smithsonian Museum](#)

Now students can explore the world with simulations that are so realistic, they will believe they have left the classroom. Below are five of the best virtual field trips on the web:

Virtual Field Trip

<http://www.mnh.si.edu/panoramas/flashVersion/index.html>

- **Virtual Field Trip #2:** [UPM Forest Life](#)
- Virtual Field Trip #3: [Moon in Google Earth](#)
-
- Virtual Field Trip #4: [Planet in Action](#)
-
- Virtual Field Trip #5: [AR Sights](#)

Design Squad *Teacher's Guide — The Gateway to 21st Century Skills*

<http://www.thegateway.org/browse/dcrecord.2010-01-28.0826561300/?searchterm=None>

- **DESIGN SQUAD . Teachers Guide | PBS KIDS GO!**
- http://pbskids.org/designsquad/parentseducators/teachers_guide.html

21 Design Squad challenges.

Edheads brings you high quality, free educational activities for your classroom

Edheads helps students learn through educational games and activities designed to meet state and national standards. We partner with various school systems in the United States, which help us research, design and test our activities every step of the way!

Critical Thinking and Problem Solving Skills

<http://www.edheads.org/>

Teacher's Guide

Social Studies – Best of Web 2.0

National Geographic Kids Page -

<http://kids.nationalgeographic.com/>

<http://kids.nationalgeographic.com/kids/stories/history/>

- Jamestown [Adventure](#):

<http://www.historyglobe.com/jamestown/> 1606-105 adventurers set off from England-establish the first **permanent English colony** in the New World.

- settled in Virginia-called their colony **James Towne**
- early years-a total disaster-half of the settlers died **due to poor choices in settlement location, management of resources, and quarrels with the indigenous Powhatan Indians.**
- Captain of the Jamestown Colony:
Can you do any better than the real colonists?
- ask your fellow colonists and the Native Americans for **advice.**
- **Scoring Factors:**
Make your decisions-based on these factors:
 - **Food:** How well can you provide it for your colonists?
 - **Health:** Can you keep your colonists from dying due to disease, starvation, and attacks?
 - **Wealth:** Can you make yourself and your sponsors at the London Company rich from the discovery of gold and silver?
 - **Morale:** Can you keep yourself in power by keeping everyone happy?
- **Make History:**
You can **learn from the mistakes of history** so you do not repeat them when you play again.

Digital History

<http://www.digitalhistory.uh.edu/>

Congress for Kids

<http://www.congressforkids.net/>

Activities on government.

If You Were President

http://teacher.scholastic.com/scholasticnews/games_quizzes/electiongame/game.asp

- This simulation asks students questions and then creates a newspaper about becoming president

George Washington's World for Kids

Mount Vernon Mount Vernon, Virginia

- As stiff-lipped Founder of the United States, George Washington led an awfully exciting life. Soldier, farmer, statesman...he was even famous for his love of dancing. On this site, discover the real Washington at home and at war. **Explore a 3D [Mount Vernon in search of artifacts](#)** that reveal the many facets of the man. Meet the people who lived and worked on his estate. Play the harpsichord so he can dance with his beloved Martha. And **serve as gun captain** at Washington's greatest moment of military achievement, the siege of Yorktown.

Our Story in History

<http://americanhistory.si.edu/ourstory/>

Interactive activities including [building a sod house](#), "you be the historian", and buffalo hide painting

Experience history first-hand through activities.

Choose a time period below to find related activities.

- **Beginnings to 1620**
- **1585 – 1763**
- **1754 – 1820s**
- **1801 – 1861**
- **1850 – 1877**
- **1870 – 1900**
- **1890 – 1930**
- **1929 – 1945**
- **1945 to early 1970s**
- **1968 to Present**

Select a topic below to find related history information, activities, books, and more.

- [All Aboard the Train! »](#)
- [Winning the Vote for Women »](#)
- [Dr. Martin Luther King Jr. and Nonviolence »](#)
- [First Lady for the Environment »](#)
- [A Letter to Abraham Lincoln »](#)

- [Making the Star-Spangled Banner »](#)
- [Life in a WWII Japanese-American Internment Camp »](#)
- [A Puerto Rican Carnival »](#)
- [Great Women of Our Pasts »](#)
- [Pueblo Pots »](#)
- [Slave Life and the Underground Railroad »](#)
- [Life in a Sod House »](#)
- [Students Sit for Civil Rights »](#)
- [Life on the Water »](#)
- [Exploring the Sky »](#)

Map Search with the Map Machine

- • **What is the Map Machine?**
- • National Geographic's [Map Machine](#), is a gigantic collection of all the National Geographic maps in a searchable online database.
- • Best to look at it piece by piece. Start with the [Map Machine categories](#) to get a big picture view of all that National Geographic map search.
- • Searchable: [world maps](#), [satellite maps of Mars](#), Globe Explorer [aerial imagery](#)

50 Things to do with Google Maps Mashups

Back for an encore are two posts which generated a huge amount of interest. I put together two posts which listed 25 things you can do with Google Maps mashups.

What is a MASHUP ?

Short list: My TOP 8

- 1. [See where UFOs have been sighted](#)
- 2. [Check what's on the other side of the world](#)

- 3. [Avoid red light cameras](#)
- 4. [Find a ski resort anywhere in the world](#)
- 5. [Find the elevation/height above sea level](#)
- 6. [Map the 7 Wonders of the World](#)
- 7. [Simulate a flood to show damage effects](#)
- 8. [See where UFOs have been sighted](#)

[15 Interesting Ways* to use Google Maps in the Classroom](#)

Digital Vault – 10 Billion Records

- [National Archives Experience](#)

<http://www.digitalvaults.org/>

- Exploring the *Digital Vaults* is easy. You can browse through the hundreds of photographs, documents, and film clips and discover the connection between some ...

[**“The Digital Vaults.”**](#)

Explore: Share and Compare

<http://www.digitalvaults.org/>

National Geographic's Xpeditions

<http://www.nationalgeographic.com/xpeditions/hall/index.html>

Explore the interactive museum.

National Geographic Kids Page -

<http://kids.nationalgeographic.com/>

Language Arts – Best of Web 2.0

Problem Solving:

The Writing Is On The Wall

- A shop owner in the heart of Boston was having trouble with hoodlums covering the side of his building with graffiti. He called the authorities for extra patrol, to no avail. He pained over the marks right away but within a few days the graffiti was back.

The shop owner knew he needed a creative solution to solve his graffiti problem. What ideas do you have to help him out.

ZooBurst

is a digital storytelling tool that lets anyone easily create his or her own 3D pop-up books.

http://zooburst.com/zb_gallery.php

The Way We Are

What makes me who I am? In this project, students will engage in a **collaborative learning experience**. Through e-mail exchanges, students **learn about the daily lives, cultures, climates and geography of children who live in other regions of the world.**

- What is "The Way We Are"?
- <http://www.epals.com/projects/thewayweare/>

The Way We Are Classroom Project: Project Elements

This I Believe

- This I Believe is an **international project** engaging people in **writing, sharing, and discussing** the **core values** that guide their daily lives.
- Short statements of belief
- By people from all walks of life
- The project is based on the popular 1950s radio series of the same name hosted by Edward R. Murrow.

***This I Believe
Thirty Things I Believe...***
by 6 year old - Tarak McLain

[*This I Believe...*](#)

[NPR](#)

- Essays New and Old
- [Thirty Things I Believe](#)
-

- January 18, 2009 · When Tarak McLain's kindergarten group celebrated their 100th day of class, some kids brought 100 nuts or cotton balls. Tarak brought a list of 100 things he believes. Now a first-grader, Tarak shares his top beliefs about God, life, nature and war.

This I Believe essay assignment is one of the most rewarding assignments given in many years of teaching.

- [Thirty Things I Believe](#) by kindergartner Tarak McLain
- [The Beatles Live On](#) by sixth grader Macklin Levine

•

<http://www2.scholastic.com/browse/article.jsp?id=11531>

• 10 Podcasts for Teachers & Kids

- Fun learning for kids, plus tips and talk for you. All free! Listen up.

<http://spanishlounge.wetpaint.com/page/Podcasting+in+the+Foreign+Language+Classroom>

Top 20 Uses of Wordle:

<http://thecleversheep.blogspot.com/2008/10/top-20-uses-for-wordle.html>

http://www.nytimes.com/interactive/2009/01/17/washington/20090117_ADDRESSES.html

- A link to a cool interactive page with word clouds on ALL the presidential inauguration addresses with a cool timeline feature as well:

Bubbl – <http://bubbl.us>

- **What is it?**
- Bubbl.us is a simple and free web application that lets you brainstorm online.
- **Why use bubbl.us?**

- Because you can:
 - Create colorful mind maps online
 - Share and work with friends
 - Embed your mind map in your blog or website
 - Email and print your mind map
 - Save your mind map as an image
 -
- And it's FREE!

Biography Maker -

<http://www.bham.wednet.edu/bio/biomaker.htm>

The Biography Maker follow these steps:

- 1. [Questioning](#)
- 2. [Learning](#)
- 3. [Synthesis](#)
- 4. [Story-Telling](#)
- 5. [Six Traits of Effective Writing](#)

Creative Writing - Communication - Collaboration

• Storybirds

- Short, visual stories that you make with family and friends to read, share and print.

<http://storybird.com/>

<http://www.readwritethink.org/>

Explore Teacher Resources by Grade

- Explore Teacher Resources by Grade
-

- [Kindergarten](#)
 - [1st-2nd](#)
 - [3rd-4th](#)
 - [5th-6th](#)
 - [7th-8th](#)
 - [9th-10th](#)
 - [11th-12th](#)

Creating Comic Books - How To Create Comic Books

- **Can you make Cartoons?**
 - **Create a Comic Book.**
 - Each student can turn a book, or part of it, into a comic book
 - Complete with comic-style illustrations and dialogue bubbles.
- <http://www.readwritethink.org/files/resources/interactives/comic/>

GoAnimate

- Takes story telling using online cartoon strip makers a little bit further by allowing students to spark life into characters and create short animations. A super tool to foster creativity and engage students.

<http://goanimate.com/>

Cool Web 2 Tools:

Integrating Math-Science-Language Arts-Social Studies

Dr. Howie DiBlasi

“Emerging Technologies Evangelist”

Digital Journey

TWITTER: [hdiblas](#)

howie@frontier.net

Presentation : 2011